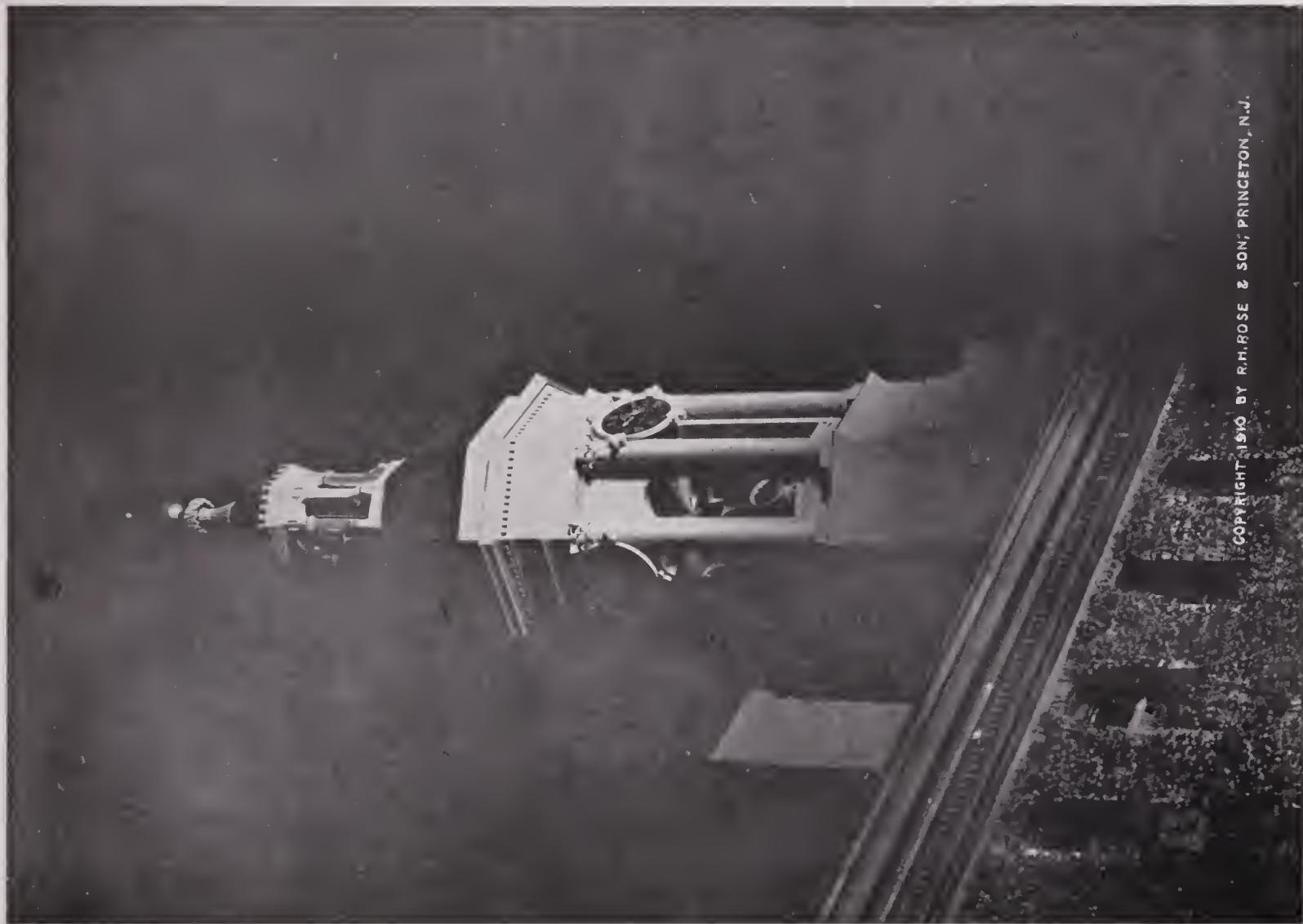


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TOWER OF NASSAU HALL

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OFFICIAL PROGRAM

OF THE

PRINCETON UNIVERSITY FOOTBALL ASSOCIATION
"

HARVARD-PRINCETON FOOTBALL GAME

UNIVERSITY FIELD, PRINCETON, N. J.

November 4, 1911

Price Fifty Cents

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Princeton University Athletic Association*

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Address Princeton University Press*

THE LINE-UP

Harvard

S. M. Felton, 1913
 E. J. O'Brien, 1914
 H. R. Hitchcock, 1914
 T. A. Jenckes, 1913
 F. H. Leslie, 1912
 H. Holt, 1912
 R. T. P. Storer, 1914
 D. C. Parmenter, 1912
 C. M. Amory, 1912
 R. T. Fisher, 1912, Capt.
 P. H. Keays, 1913
 W. T. Gardiner, 1914
 H. R. Hitchcock, 1914
 P. C. Starr, 1914
 L. D. Smith, 1912
 P. M. Hollister, 1913
 W. B. D. Dana, 1914
 R. S. Potter, 1912
 V. Freedley, 1914
 T. J. Campbell, 1912
 E. A. Graustein, 1913
 K. Reynolds, 1914
 P. L. Wendell, 1913
 T. H. Frothingham, 1912
 F. D. Huntington, 1912
 R. M. Blackall, 1912
 G. E. Morrison, 1912

Princeton

Left End S. B. White, 1912
 Left End C. C. Dunlap, 1913
 Left End W. G. Andrews, 1912
 Left Tackle E. J. Hart, 1912, Capt.
 Left Tackle T. A. Wilson, 1912
 Left Guard C. McCormick, 1912
 Left Guard A. Bluethenthal, 1913
 Center T. Swann, 1912
 Center A. T. Ormond, Jr.
 Center C. E. Brown, 1913
 Right Guard J. M. Duff, 1912
 Right Guard G. F. Phillips, 1914
 Right Tackle W. McLean, 1912
 Right Tackle C. D. Baker, 1913
 Right End C. K. Wight, 1913
 Right End H. E. Waller, 1914
 Right End H. B. Farr, 1912
 Quarter-back P. P. Christie, 1912
 Quarter-back W. Vaughn, 1913
 Left Half H. A. H. Baker, 1914
 Left Half H. M. Sawyer, 1912
 Left Half W. E. Hammond, 1914
 Right Half T. T. Pendleton, 1913
 Full-back W. G. Penfield, 1913
 Full-back W. L. DeWitt, 1914
 Full-back ; ; ;

Referee, W. S. Langford '96, Trinity. Umpire, Carl Williams '97, Pennsylvania. Field Judge, A. H. Sharpe '02, Yale. Head Linesman, J. B. Pendleton '90, Bowdoin.

Oct. 2nd, 1911.

THE SCORE

HARVARD				PRINCETON			
	Player	Quarter	Points		Player	Quarter	Points
Touchdown				Touchdown			
Goal				Goal			
Touchdown				Touchdown			
Goal				Goal			
Touchdown				Touchdown			
Goal				Goal			
Field Goal				Field Goal			
Field Goal				Field Goal			
Safety				Safety			
Safety				Safety			
Total—Harvard				Total—Princeton			



Courtesy Boston Post

HARVARD SQUAD

Rear row—Left to right—L. B. Howard, R. T. P. Storer, Hopkins, J. A. Milholland, F. H. Leslie, C. M. Amory, R. M. Blackall, P. H. Keays, W. B. D. Dana.

Second row—left to right—R. S. Potter, Rogers, D. C. Parmenter, S. M. Felton, F. J. O'Brien, T. A. Jenckes, E. A. A. Lingard, P. M. Hollister, H. McGuire, V. Freedley

Third row—left to right—P. C. Starr, H. Holt E. A. Graustein, H. B. Gardner, R. T. Fisher, W. T. Gardiner, G. E. Morrison, L. D. Smith.

Front row—left to right—G. Bettle, H. R. Hitchcock, E. P. Pierce, P. L. Wendell, T. J. Campbell, F. D. Huntington, T. H. Frothingham, A. E. Stow.

STATISTICS OF THE HARVARD PLAYERS

WILLIAM M. E. WHITLOCK, 1913, *Manager* ROBERT T. FISHER, 1912, *Captain* PERCY D. HAUGHTON, 1899, *Head Coach*
Cheer Leaders—G. H. BALCH, 1912, H. L. GADDIS, 1912

	<i>Position</i>	<i>Class</i>	<i>Age</i>	<i>Height</i>	<i>Weight</i>	<i>Varsity</i>	<i>Years on</i>	<i>Prep. School</i>
Amory, C. M.	Center	1912	22	5- 1	163	2	2	Groton.
Bettle, G.	Full-back	1914	21	5- 7	166	1	1	St. Mark's.
Blackall, R. M.	Full-back	1912	22	5- 8	162	1	1	Cambridge Latin.
Blodgett, E. S.	Guard	1912	20	5-11	186	3	3	Concord High.
Callender, C. L.	Quarter-back	1913	19	5- 8	155	1	1	Fargo College.
Campbell, T. J.	Half-back	1912	25	5- 6	153	2	2	Worcester.
Dana, W. B. D.	End	1914	20	6- 2	167	1	1	Groton.
Felton, S. M.	End	1913	22	6- 1	184	2	2	Milton.
Fisher, R. T.	Guard	1912	23	6- 0	206	3	3	Andover.
Freedley, V.	Quarter-back	1914	20	5- 8	154	1	1	Groton.
Frothingham, T. H., Jr.	Half-back	1912	22	6- 0	175	3	3	Groton.
Gardiner, W. T.	Tackle	1914	19	5-11	191	1	1	Groton.
Gardner, H. B.	Quarter-back	1913	20	5-10	155	2	2	St. Paul's.
Graustein, E. A.	Half-back	1913	21	5- 7	178	2	2	Cambridge Latin.
Hitchcock, H. R.	Tackle	1914	20	5-11	181	1	1	Oahu Col., Hawaii.
Hollister, P. M.	End	1913	21	5-11	164	2	2	Middlesex.
Holt, H.	Guard	1912	22	6- 2	175	1	1	Groton.
Howard, L. D.	End	1914	22	6- 0	182	1	1	Worcester.
Huntington, F. D.	Center	1912	22	5- 8	164	2	2	St. Paul's.
Jenckes, T. A.	Tackle	1913	20	5- 9	184	1	1	St. George's.
Keays, P. H.	Guard	1913	20	6- 1	197	2	2	Stones.
Leslie, F. H.	Guard	1912	20	6- 0	183	3	3	Milton Academy.
Lingard, E. A. A.	End	1913	21	5- 9	165	1	1	Middlesex.
McGuire, H.	Guard	1914	20	6- 1	222	1	1	Stones.
Milholland, J. A.	End	1914	19	6- 1	165	1	1	St. Paul's.
Morrison, G. E.	Full-back	1912	21	5- 9	173	3	3	Andover.
O'Brien, F. J.	Half-back	1914	19	6- 0	164	1	1	Roxbury Latin.
Parmenter, D. C.	Center	1912	21	5-11	170	2	2	Stones.
Pierce, E. P.	Half-back	1912	22	5- 6	145	3	3	Middlesex.
Potter, R. S.	Quarter-back	1912	22	6- 1	157	2	2	St. Mark's.
Reynolds, K.	Half-back	1914	23	5-10	164	1	1	Andover.
Smith, L. D.	End	1912	21	5-11	172	3	3	Hill.
Starr, P. C.	Tackle	1914	21	5-11	177	1	1	Milton.
Storer, R. T. P.	Center	1914	18	5-10	179	1	1	Noble & Greenough.
Stow, A. E.	Guard	1912	22	6- 2	192	3	3	Wilson.
Wendell, P. L.	Half-back	1913	21	5- 7	177	2	2	Roxbury Latin.



PRINCETON SQUAD

Top row—left to right: E. C. Waller, P. C. Speers, W. J. Shenk, G. D. Coleman, W. Kuhn, W. W. Battles, T. H. Robinson, Mr. Fitzpatrick, A. L. Dexter, J. T. Granbery, T. Swann, C. D. Baker, A. G. Harlow, T. Emmons.

Second row—G. E. Winants, H. A. Baker, P. P. Chrystie, B. H. Farr, A. T. Ormond, T. K. Brown, W. E. Hammond, P. F. Burrage, J. M. Duff, R. C. Lee, G. F. Philips, J. L. Mott, J. France, H. M. Hessenbruck, B. Rigg.

Third row—A. Bluthenthal, H. M. Sawyer, T. A. Wilson, S. B. White, C. McCormick, G. K. Wight, C. C. Dunlap, E. J. Hart (Capt.), T. T. Pendleton, C. E. Brown, W. McLean, W. DeWitt, E. Norman.

Bottom row—R. S. Hendrickson, E. S. Pegram, E. H. Klipstein, W. G. Penfield, J. F. Simmons, W. G. Andrews.

STATISTICS OF THE PRINCETON PLAYERS

B. D. McCCLAVE, 1912, *Manager*

W. W. ROPER, 1902, *Head Coach*

Cheer Leaders—D. Fitton, J. M. Davis, B. N. Dell, H. M. Dyckman, J. N. Ewing, H. L. Felt, E. D. Kalbfleisch,

D. Mathey, L. P. Mills, J. I. B. Reilly.

F. EBERSTADT, 1913, *Assistant Manager*

L. CUNNINGHAM, 1910, *Coach*

E. J. HART, 1912, *Captain*

A. MACGREGOR, 1911, *Coach*

Position	Class	Age	Height	Weight	Varsity	Years on	
						Prep.	School
Andrews, W. G.	End	1912	22	5- 8	165	3	Lawrenceville.
Baker, C. D.	Tackle	1913	21	5-11	183	2	Hill School
Baker, H. A. H.	Half-back	1914	20	5-10	161	1	St. Paul's.
Battles, W. W.	Tackle	1912	21	6- 0	190	3	Episcopal Acad.
Bluethenthal, A.	Center	1913	19	5- 9	190	2	Exeter.
Brown, C. E.	Guard	1913	21	5- 9	190	2	Mercersburg.
Christie, P. P.	Quarter-back	1912	22	5-10	147	3	Groton.
Coleman, G. D.	End	1913	21	6- 1	162	2	St. Mark's.
De Witt, W. L.	Full-back	1914	22	6- 0	175	1	Spokane High.
Duff, J. M.	Guard	1912	22	5-10	202	3	Shadyside.
Dunlap, C. C.	End	1913	21	6- 0	175	2	Mercersburg.
Farr, H. B.	Quarter-back	1912	21	5- 8	156	3	Groton.
Hammond, W. E.	Half-back	1914	19	5-11	168	1	Kingsley.
Harlow, A. G.	Full-back	1913	21	5- 8	165	1	Haverford.
Hart, E. J., Capt.	Tackle	1912	24	6- 0	200	3	Exeter.
Lowe, M. B.	Tackle	1913	19	5-10	171	2	Englewood.
McCormick, C.	Guard	1912	21	6- 3	205	3	Hotchkiss.
McLean, W.	Tackle	1912	21	6- 2	189	3	Hill School.
Norman, E.	Tackle	1912	21	6- 0	196	3	Louisville High.
Pendleton, T. T.	Half-back	1913	20	5-10	165	2	Episcopal Acad.
Penfield, W. G.	Full-back	1913	20	6- 0	167	2	Galahad.
Phillips, G. F.	Tackle	1914	19	6- 0	169	1	Lafayette High.
Riggs, D. G.	Tackle	1912	23	6- 0	183	3	Elmira High.
Sawyer, H. M.	Half-back	1912	21	5- 9	162	3	St. Paul's.
Shenk, W. J.	Full-back	1914	20	5-10	168	1	Lawrenceville.
Simmons, J. F.	End	1913	19	6- 2	177	2	Pingry.
Speers, P. E.	Tackle	1914	20	5-11	175	1	Hill School.
Swann, T.	Center	1912	22	5-11	204	3	St. Paul's.
Vaughn, R.	End	1914	21	6- 0	195	1	Notre Dame.
Waller, H. E.	End	1914	19	5-11	160	1	Lawrenceville.
White, S. B.	End	1912	22	6- 1	180	2	Exeter.
Wight, G. K.	End	1913	20	5-10	167	2	Montclair High.
Wilson, T. A.	Guard	1912	22	6- 0	200	2	Exeter.
Winants, G. E.	Guard	1912	20	6- 1	201	2	Salisbury.

FOOTBALL SIMPLIFIED

By PARKE H. DAVIS

Football is played upon a rectangular field, 330 feet long and 160 feet wide, divided into ten yard spaces, with lines of lime, hence giving the field of play its familiar name of grid-iron.

The contending teams are composed of eleven players each. Each team is divided into two sections, the rush-line and the back field. The rush-line is composed of seven players, ends, tackles, guards and a center-rush. The back-field is composed of a quarter-back, left-half, right-half and full-back.

The officials consist of a referee, whose jurisdiction generally relates to the ball, an umpire, whose jurisdiction generally relates to the men, a field judge, who in certain specified matters assists the referee and the umpire, and the linesmen who mark the distances required in the technique of play.

At the stated time the captains and officials meet at the center of the field and a coin is tossed. The captain winning the toss then takes his choice of the goal or the ball. If he chooses the goal the loser must take the ball and start the game. A goal backed by a wind is considered a great advantage hence the winner of the toss usually takes the goal.

The teams now deploy for the kick-off. The side with the ball form in a straight line across the field on the center or 55-yard line; the defensive team spreads over its half of the field in order to cover every spot upon which the ball when kicked may fall. The player kicking off makes a tee of earth in order to give the ball elevation in its flight and thereby enable his associates to run down the field and arrive with the ball. The referee signals play, the ball is kicked and the game is on. The player catching the kick tries to advance it up the field and the opponents endeavor to reach him and stop his run by a "tackle." As soon as the player is tackled the referee

blows his whistle and cries "First Down."

The teams line-up upon the spot where the ball was downed. The object of the offensive eleven,—the side with the ball,—is now to score. This can be done by carrying the ball down the field and across their opponents' goal line for a touchdown, or by kicking a goal from the field. In carrying the ball down the field the offense is required to gain at least ten yards in every three attempts to advance the ball,—"downs" as they are technically called. If the team fails to gain this distance in its three trials it must surrender the ball to the other side. As soon as the offense has made ten or more yards the ensuing down becomes the first down. A goal from the field is accomplished by kicking the ball between the posts and over the cross-bar or above the posts. The ball may cross the goal at any height so long as it is over the bar or posts. A goal must be kicked by a drop kick or from placement. A drop kick is made by letting the ball fall from the hands to the ground and kicking it upon the rebound. A goal kicked from placement is accomplished by kicking the ball through the goal from a place upon the ground, the ball being held in position by a comrade. As field goals must be kicked while the opponents are charging upon the kicker they constitute one of the most skilful performances in the game.

When the offense perceives that it probably will not make the necessary 10 yards in its three trials the practice is not to attempt the last trial but to kick the ball instead so as to place it as far away from their goal as possible. A special formation is made to protect the kicker in getting off his "punt" and the kick is sent whirling down the field, accompanied by the players, to prevent the opponents from bringing the ball back.

At times an attempt is made to advance the ball by a forward pass,

that is, throwing it forward to an associate. This play is hedged with many technicalities. For instance the pass must be made from a point 5 yards behind the line of scrimmage, it must not go more than 20 yards forward before it is caught and only the players on the end of the line or those of the backs who were at least 1 yard behind the line when the pass was thrown, may catch the ball on the pass. If the pass strikes the ground or is not cleanly caught by one side or the other the pass fails and the ball goes back to its starting point.

Another method of advancing the ball is by an on-side kick. In football no player of the offensive side is permitted to get in advance of the ball and then to touch the ball, as in such a position he is what is called off-side. As soon as the ball is in front of him or has touched one of his opponents he is put on-side. There is an exception to this general rule relative to a kicked ball. If a kicked ball goes at least 20 yards into the opponents' territory and then strikes the ground it becomes an on-side kick, that is the striking the ground puts the team which kicked the ball on-side and enables any of them to recover the ball before it has touched an opponent.

The 20 yard space within which an on-side kick may not be recovered by the kicking side and beyond which a forward pass may not be thrown is known as the 20 yard zone.

When a ball is kicked the player who catches it may run with it or he may elect to try for a fair catch. If he attempts to run with the ball he may be tackled the instant the ball touches him. If he

prefers to try for a fair catch he raises one hand above his head while the ball is in flight as a signal that he intends to try for a fair catch. No opponents then may interfere with him. If he cleanly catches the ball he makes a mark with his heel at the spot of the catch and the fair catch is then complete. After the catch has been made his team may put the ball down for scrimmage on the spot of the catch or they may have if they prefer a free-kick. If they take the latter the opponents may not approach within 10 yards of the spot of the catch and the catcher's side may kick the ball down the field unmolested from some spot behind the mark.

If the ball is placed behind the goal line of the offensive side by a player of that side and then touched down it is a safety. If the ball is driven behind the goal line of the offensive side by an opponent and one of the offensive players touch it down it is only a touch-back. The offensive eleven then may freely take the ball out to the 25-yard line and there put it in play.

The length of a game is 60 minutes divided into four periods of 15 minutes each. The captains may shorten the length of the game if they choose. The value of points in football are as follows:

	Points
Goal following a touchdown	1
Safety	2
Goal from the field	3
Touchdown	5

HARVARD VS. PRINCETON 1877 TO 1911

Harvard Princeton

<i>G. TD.</i>	<i>G. TD.</i>		<i>Winner</i>
1 2	0 1	Cambridge, Apr. 28, 1877.	Harvard
0 2	1 1	Hoboken, Nov. 23, 1877.	Princeton
0 0	0 1	Boston, Nov. 16, 1878.	Princeton
0 0	1 0	Hoboken, Nov. 15, 1879.	Princeton
1 1 S	2 2 S	New York, Nov. 13, 1880.	Princeton
0 0 1	0 0 1	New York, Nov. 19, 1881.	Tie
1 1 0	1 1 0	Cambridge, Nov. 18, 1882.	Harvard*
POINTS	POINTS		
7	26	Princeton, Nov. 17, 1883.	Princeton
6	34	Cambridge, Nov. 15, 1884.	Princeton
		1885.	No game
0	12	Princeton, Nov. 13, 1886.	Princeton
12	0	Cambridge, Nov. 12, 1887.	Harvard
6	18	Princeton, Nov. 17, 1888.	Princeton
15	41	Cambridge, Nov. 16, 1889.	Princeton
		1890-1894.	No games
4	12	Princeton, Nov. 2, 1895.	Princeton
0	12	Cambridge, Nov. 7, 1896.	Princeton
		1896-1911.	No games

* In the game of 1882, Harvard's goal was kicked from the field; Princeton's goal followed a touchdown; hence the game was awarded to Harvard.



CAPTAIN FISHER—HARVARD



CAPTAIN HART—PRINCETON

THE RECORD OF HARVARD AND PRINCETON FOR 1911

Harvard

Harvard 15, Bates o, Sept. 30.
Harvard 8, Holy Cross o, Oct. 7.
Harvard 18, Williams o, Oct. 14.
Harvard 11, Amherst o, Oct. 21.
Harvard 20, Brown 6, Oct. 28.

Princeton

Princeton 37, Stevens o
Princeton 37, Rutgers o
Princeton 31, Villa Nova o
Princeton 6, Lehigh 6
Princeton 31, Colgate o
Princeton o, Navy o
Princeton 20, Holy Cross o



THOMPSON GATEWAY

HARVARD VS. PRINCETON

A SUMMARY OF THE COMPLETE SERIES, 1877 TO 1911.

Harvard defeated Princeton in 1877 (spring), 1882 and 1887

Princeton defeated Harvard in 1877 (autumn), 1878, 1879, 1880, 1883, 1884, 1886, 1888, 1889, 1895, and 1896.

A draw game was played in 1881. In 1885 and from 1889 to 1895 and from 1896 to 1911 no games were played.

Game of April 28, 1877 at Cambridge. Referee, F. B. Harrington, Tufts. Judges, W. E. Russel '79, Harvard and E. O. Roessle '79, Princeton. First Half: Touchdown by L. Cushing '79, Harvard. Second Half: Touchdown by L. Cushing '79 and goal by W. S. Seamans '80, Harvard; touchdown by T. L. McNair '79, Princeton. Score, Harvard, 2 touchdowns, 1 goal; Princeton 1 touchdown. Game awarded to Harvard.

Game of Nov. 23, 1877 at St. George's Cricket Grounds, Hoboken, N. J. Referee, W. S. Seamans '80, Harvard. Judges, P. T. Barlow '79, Harvard, and E. O. Roessle '79, Princeton. First Half: touchdown by J. Holmes '79, Harvard; Second Half: touchdown by B. Ballard '80 and goal by H. M. Cutts '80, Princeton; touchdown by L. Cushing '79, Harvard. Score, Harvard 2 touchdowns, Princeton 1 touchdown, 1 goal. Game awarded to Princeton.

Game of Nov. 16, 1878 at Boston. Referee, A. Wylly '79, Princeton. Judges, R. W. Thayer '78, Harvard, and W. E. Dodge '79, Princeton. First Half: touchdown by F. L. Loney '81, Princeton. Score, Harvard 0, Princeton 1 touchdown. Game awarded to Princeton.

Game of Nov. 15, 1879, St. George's Cricket Grounds, Hoboken, N. J. Referee, Walter Camp '80, Yale. Judges, W. S. Seamans

'80, Harvard, and A. McLaren '80, Princeton. First Half: goal from field by T. M. McNair '79, Princeton. Score, Harvard 0, Princeton 1 field goal. Game awarded to Princeton.

Game of Nov. 13, 1880, at New York. Referee, R. W. Watson '81, Yale. Judges, L. N. Littauer '78, Harvard, and H. McAlpin '81, Princeton. First Half: touchdown by F. Loney '81 and goal by B. G. Winton '82, Princeton; touchdown by H. M. Atkinson '84 and goal by W. O. Edmands '83, Harvard. Second Half: touchdown and goal by B. G. Winton '82, Princeton. Score, Harvard 1 touchdown, 1 goal; Princeton 2 touchdowns, 2 goals. Game awarded to Princeton.

Game of Nov. 19, 1881, at New York. Referee, Walter Camp '80, Yale. Judges, L. N. Littauer '78, Harvard, and B. J. Winton '84, Princeton. First Half: safety by W. A. Henry '85, Harvard. Second Half: safety by W. Shaw, P. G. Princeton. Score, Harvard 1 safety; Princeton 1 safety. Game declared a draw.

Game of Nov. 18, 1882, at Cambridge. Referee, R. W. Watson '81, Yale. Judges, F. A. Houston '79, Harvard, and D. M. Look '84, Princeton. First Half: touchdown and goal by J. T. Haxall '83, Princeton; touchdown by F. A. Mason '84, Harvard. Second Half: goal from the field by F. A. Mason '84, Harvard; safety by Princeton; safety by Princeton. Score, Harvard, 1 touchdown and 1 goal from the field; Princeton, 1 touchdown and 1 goal from touchdown. Game awarded to Harvard.

Game of Nov. 17, 1883, at Princeton. Referee, R. Tompkins '84, Yale. Judges, L. N. Littauer '78, Harvard, and D. M. Look '84, Princeton. First Half: touchdown (2) by J. M. T. Finney '84 and

goal (4) by Alex. Moffat '84, Princeton; goal from field (5) by J. V. Cowling '87, Harvard; touchdown (2) by L. W. Kendall '84, Harvard. Second Half: goal from field (5) by Alex. Moffat '84, Princeton; goal from field (5) by Alex. Moffat '84, Princeton; goal from field (5) by Alex. Moffat '84, Princeton; goal from field (5) by Alex. Moffat '84, Princeton. Score, Harvard 7, Princeton 26.

Game of Nov. 15, 1884, at Cambridge. Referee, L. K. Hull '83, Yale. Judges, G. C. Adams '86, Harvard, and W. W. Connor '85, Princeton. First Half: touchdown (4) by A. T. Baker '85 and goal (2) by R. M. Hodge '86, Princeton; touchdown (4) by W. M. Irvine '88 and goal (2) by R. M. Hodge '86, Princeton; touchdown (4) by J. E. Thayer '85 and goal (2) by J. W. Bemis '85, Harvard. Second Half: touchdown (4) by H. C. Lamar '86 and goal (2) by Alex. Moffat '84, Princeton; touchdown (4) by T. H. Harris '86, Princeton; touchdown (4) by R. Wanamaker '86 and goal (2) by Alex. Moffat '84, Princeton; touchdown (4) by C. M. De Camp '86 and goal (2) by Alex. Moffat '84, Princeton. Score, Harvard 6, Princeton 34.

1885. No Game.

Game of Nov. 13, 1886, at Princeton. Referee, Walter Camp '80, Yale. First Half: touchdown (4) by K. L. Ames '90, and goal (2) by R. M. Hodge '86, Princeton; touchdown (4) by K. L. Ames '90 and goal (2) by R. M. Hodge '86, Princeton. Score, Harvard 0, Princeton 12.

Game of Nov. 12, 1887. Referee, Walter Camp '80, Yale. Umpire, W. Terry '85, Yale. Second Half: touchdown (4) by C. A. Porter '88 and goal (2) by J. A. Saxe '88, Harvard; touchdown



COACH HOUGHTON OF HARVARD

(4) by R. W. Boyden '85 and goal (2) by J. A. Saxe '88, Harvard. Score, Harvard 12, Princeton 0.

Game of Nov. 17, 1888, at Princeton. Referee, Walter Camp '80, Yale. Umpire, W. H. Corbin '89, Yale. First Half: touchdown (4) by W. J. Cook '89, Princeton; touchdown (4) by J. S. Black '91, Princeton; touchdown (4) by H. W. Cowan '88, Princeton. Second Half: touchdown (4) by D. Bovaird '89 and goal (2) by R. M. Hodge '86, Princeton; touchdown (4) by J. T. Davis '89 and goal (2) by J. H. Sears '89, Harvard. Score, Harvard 6, Princeton 18.

Game of Nov. 16, 1889, at Cambridge. Referee, G. W. Woodruff '89, Yale. Umpire, H. Beecher '88, Yale. First Half: touchdown (4) by S. V. R. Crosby '91, Harvard; touchdown (4) by R. H. Channing '91, Princeton; goal from field (5) by B. W. Trafford '93, Harvard; touchdown (4) by R. H. Channing '91, Princeton and goal (2) by K. L. Ames '90, Princeton; touchdown (4) by J. P. Lee '91, Harvard. Second Half: safety (2) by B. W. Trafford '93, Harvard; goal from field (5) by K. L. Ames '90, Princeton; touchdown (4) by H. W. Cowan '88, Princeton; touchdown (4) by R. H. Channing '91, Princeton; touchdown (4) by H. W. Cowan '88, Princeton; touchdown (4) by W. S. Cash '90 and goal

(2) by K. L. Ames '90, Princeton. Score, Harvard 15, Princeton 41.

1889 to 1895 no games.

Game of Nov. 2, 1895, at Princeton. Referee, H. L. Pratt '95, Amherst. Umpires, P. J. Dashiell '85, Johns Hopkins, and F. de P. Townsend '95, Williams. Linesmen: M. A. Kennedy, Stamford and V. M. Coyne, E. A. C. Second Half: touchdown (4) by A. H. Rosengarten '97, Princeton; touchdown (4) by F. G. Shaw '97, Harvard; touchdown (4) by A. H. Rosengarten '97, Princeton; touchdown (4) by H. M. Suter '99, Princeton. Score, Harvard 4, Princeton 12.

Game of Nov. 7, 1896, at Cambridge. Referee, W. O. Hickok '95, Yale. Umpire, P. J. Dashiell '85, Johns Hopkins. Linesman, C. R. Wyckoff '96, Cornell. Second Half: touchdown (4) by W. H. Bannard '99 and goal (2) by J. Baird '99, Princeton; touchdown (4) by H. C. Brokaw '97 and goal (2) by J. Baird '99, Princeton. Score, Harvard 0, Princeton 12.

1896 to 1911, no games.



DIRECTOR OF ATHLETICS, PRINCETON, W. W. ROPER

A SUMMARY

OF THE COMPLETE FOOTBALL RECORDS OF HARVARD, PENNSYLVANIA, PRINCETON AND YALE FROM 1869 TO 1911

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	<i>Victories</i>	<i>Defeats</i>	<i>Ties</i>	<i>Games</i>		<i>Victories</i>	<i>Defeats</i>	<i>Ties</i>		
Harvard	271	44	8	323	1874 to 1911	Bucknell	0	Princeton	4	o
Pennsylvania	277	84	12	373	1876 to 1911	Bucknell	0	Yale	1	o
Princeton	271	34	9	314	1869 to 1911	Business Men	0	Pennsylvania....	1	o
Yale	315	18	14	347	1872 to 1911	Carlisle	1	Harvard	11	o
	<i>Victories</i>		<i>Victories</i>		<i>Ties</i>	Carlisle	5	Pennsylvania ...	10	1
All Canada	o	Harvard.....	2			Carlisle	0	Princeton.....	6	o
All Philadelphia.....	o	Pennsylvania ...	4			Carlisle	1	Yale	5	o
Amherst	1	Harvard.....	20			Carnegie Tech.....	0	Pennsylvania....	1	o
Amherst.....	o	Pennsylvania....	1			Canada Association....	0	Harvard	1	o
Amherst.....	o	Princeton.....	1			Chicago	0	Pennsylvania ...	3	1
Amherst.....	o	Yale	21			Chicago A. A.	0	Harvard.....	3	c
Andover.....	o	Harvard.....	6			Chicago A. A.	0	Pennsylvania ...	2	o
A. C. S. N.....	o	Pennsylvania ...	2			Chicago A. A.	0	Princeton.....	1	o
Army	o	Harvard.....	12			Chicago A. A.	0	Yale	3	o
Army	1	Pennsylvania....	0			Colgate	0	Yale	2	o
Army	o	Princeton.....	5			Columbia Law.....	0	Princeton.....	1	o
Army	2	Yale	12			Columbia University...	0	Harvard.....	6	o
Bates	o	Harvard	12			Columbia University...	3	Pennsylvania....	8	1
Bates	o	Yale	3			Columbia University...	1	Princeton.....	12	o
Boston A. A.....	1	Harvard.....	5			Columbia University...	1	Yale	15	1
Boston A. A.....	o	Yale	2			Columbia A. C.	0	Pennsylvania ...	2	o
Bowdoin.....	o	Harvard	16			Cornell	0	Harvard.....	9	o
Bowdoin.....	o	Yale	2			Cornell	1	Pennsylvania....	16	1
Brittania	o	Harvard.....	3			Cornell	3	Princeton	13	o
Brown	o	Harvard.....	17			Cornell	0	Yale	2	o
Brown	1	Pennsylvania....	14			Crescent A. C.	0	Pennsylvania....	7	o
Brown	o	Princeton.....	5			Crescent A. C.	0	Princeton.....	5	o
Brown	1	Yale	16			Crescent A. C.	0	Yale	12	o
Bucknell.....	o	Pennsylvania....	9			Dartmouth.....	2	Harvard.....	22	2



FIELD HOUSE AND CAGE

PENNSYLVANIA'S VICTORS

(Harvard, Princeton and Yale excepted.)

Brown	15	Pennsylvania..	6
Carlisle.....	16	Pennsylvania..	5
Carlisle.....	5	Pennsylvania..	o
Carlisle.....	16	Pennsylvania..	6
Carlisle.....	24	Pennsylvania..	6
Carlisle.....	26	Pennsylvania..	6
Columbia	2	Pennsylvania..	1
Columbia	11	Pennsylvania..	o
Columbia	18	Pennsylvania..	6
Lafayette	12	Pennsylvania..	o
Lafayette	20	Pennsylvania..	o
Lafayette	12	Pennsylvania..	6
Lafayette	10	Pennsylvania..	8
Lafayette	23	Pennsylvania..	14
Lafayette	6	Pennsylvania..	4
Lafayette	6	Pennsylvania..	o
Lehigh	28	Pennsylvania..	o
Lehigh	8	Pennsylvania..	o
Michigan	12	Pennsylvania..	6
Navy	6	Pennsylvania..	5
Navy	10	Pennsylvania..	6
Penn State.....	20	Pennsylvania..	o
Rutgers..1 g.	2 t.d.	Pennsylvania..	1 g.

Rutgers..1 g.

3 td.

Pennsylvania..2 g.

o

N. Br'swick, Nov. 4, 1882

Swarthmore ... 4

Pennsylvania.. o

Philadelphia, Oct. 13, 1906

Wesleyan.....25

Pennsylvania..18

New York, Nov. 7, 1885

Wesleyan.....10

Pennsylvania.. 4

New York, Nov. 24, 1887

Wesleyan.....28

Pennsylvania.. 2

New York, Nov. 28, 1889

Wesleyan.....18

Pennsylvania.. 6

New York, Nov. 26, 1890

PRINCETON'S VICTORS

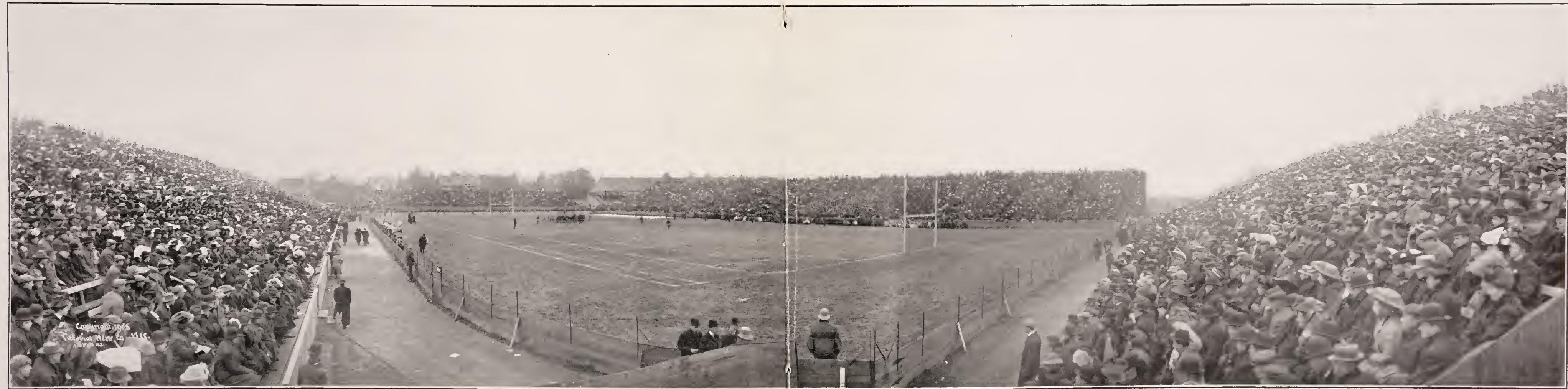
(Harvard, Pennsylvania and Yale excepted.)

Columbia.....	6	Princeton....	5	New York,	Nov. 6, 1900
Cornell.....	5	Princeton....	o	Ithaca,	Oct. 28, 1899
Cornell.....	12	Princeton....	o	Princeton,	Nov. 3, 1900
Cornell.....	6	Princeton....	5	Ithaca,	Oct. 26, 1907
Dartmouth	6	Princeton....	o	Princeton,	Nov. 4, 1905
Dartmouth	10	Princeton....	6	New York,	Nov. 7, 1908
Lafayette.....	6	Princeton....	o	Princeton,	Oct. 23, 1909
Navy	10	Princeton....	9	Annapolis,	Oct. 15, 1904
Rutgers	6	Princeton....	4	N. Br'nswick,	Nov. 6, 1869

YALE'S VICTORS

(Harvard and Princeton excepted.)

Army	11	Yale.....	6	West Point,	Oct. 22, 1904
Army	9	Yale.....	3	West Point,	Oct. 16, 1910
Brown.....	21	Yale.....	o	New Haven,	Nov. 7, 1910
Columbia.....	3	Yale.....	2	New Haven,	Dec. 4, 1875



UNIVERSITY FIELD



HARVARD VS. PRINCETON 1896
BEALE, HARVARD'S QUARTER, PASSING BALL FOR A PUNT



HARVARD VS. PRINCETON 1896
CHURCH OF PRINCETON HEADING THE "REVOLVING TANDEM"



HARVARD VS. PRINCETON 1896
KELLY PLUNGING THROUGH HARVARD'S LINE

THE LAST HARVARD-PRINCETON GAME CAMBRIDGE, NOV. 7, 1896

Reproduced from "Football, *The American Intercollegiate Game*."
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<i>Harvard</i>		<i>Princeton</i>
A. H. Brewer '96	Left End	H. C. Brokaw '97
N. W. Cabot '98	Left End	S. H. Thompson '97
S. W. Lewis '00	Left End	
C. O. Swain '00	Left Tackle	W. W. Church '97
G. W. Bouve '98	Left Guard	E. R. Crowdus '99
F. G. Shaw '97	Center	R. R. Gailey '97
A. E. Doucette '95	Center	
J. E. N. Shaw	Right Guard	H. C. Armstrong '98
J. H. Lee '00	Right Tackle	A. R. T. Hillebrand '00
J. E. Moulton '98	Right End	G. Cochran '98, Capt.
A. M. Beale '97	Quarterback	F. L. Smith '97
G. F. Cozzens '96	Left Half	W. H. Bannard '99
	Left Half	H. Wheeler '00
J. W. Dunlop '97, Capt.	Right Half	A. W. Kelley '98
J. A. Sullivan '97	Right Half	H. R. Reiter '98
	Right Half	N. Poe '97
R. W. P. Brown '98	Full Back	J. Baird '99
B. H. Dibblee '99	Full Back	

Referee, W. O. Hickok '95, Yale. Umpire, P. J. Dashiell '85, Johns Hopkins. Linesman, C. R. Wyckoff '96, Cornell. Score, Harvard 0; Princeton 12. Second Half: touchdown by W. H. Bannard, goal by J. Baird; touchdown by H. C. Brokaw, goal by J. Baird.

First Half. Harvard wins the toss and takes the west goal. Baird kicks off for Princeton, sending the ball to Harvard's 10-yard line.



HARVARD VS. PRINCETON 1896
A PUNT BY DIBBLEE OF HARVARD

On the line-up Brown returns the kick to midfield. Kelly goes through the center for 3. Bannard rounds the end for 10. Two downs fail to make the required distance and Harvard gets the ball. Brown punts to Princeton's 30-yard line. Smith hits tackle for 2. Three revolving tandem plays net 15 yards. Harvard holds for downs. Brown punts 35 yards. Kelly hits center for 5. Church splits tackle for 3. Harvard holds and Baird punts to Harvard's 48. Dunlop circles the end for 15 yards. Several exchanges of punts ensue. Brown tries for a field goal but misses. Baird kicks out to mid-field. Reiter takes the place of Kelly. Brown punts over Princeton's goal line. Princeton kicks out but Brown returns. Princeton opens up the revolving tackle play and gains 15 yards. Harvard holds for downs and Brown punts. Smith makes 5. Two plunges into the line fail to gain and Baird drops back to punt. Brown returns the kick. Reiter goes through the line for 4. Harvard holds and Baird again falls back to punt. Bouve blocks the kick. Moulton picks up the ball and with a clear field starts for Princeton's goal line, but slips 20 yards away and loses the ball. Baird falls on it for Princeton. Kicks are exchanged. Beale tries a quarter-back kick but Brokaw gets the ball. Baird goes through the line for 4. Time now is called for the half.

Second half. Brown kicks off to Princeton's 25. Baird returns. Brown punts but Princeton's forwards are upon him and the ball goes straight into the air, Baird catching it on Harvard's 35-yard line. Cabot takes the place of Brewer. The teams line up, the ball is snapped, and Bannard dashes around the end for a touchdown. Baird kicks the goal. Brown kicks off for Harvard, sending the ball to Princeton's 10-yard line. Baird returns to mid-field. Brokaw tackles Cabot for no gain. Punts are exchanged. Sullivan recovers the ball for Harvard at 53. Brown punts to Princeton's 35-yard line. Another exchange of kicks follows. Smith heels a fair catch for Princeton 50 yards from the Crimson's goal. Baird at-



HARVARD VS. PRINCETON 1896
HARVARD STOPS A MASS PLAY ON CENTER

tempts a place kick but misses. Harvard kicks out and Princeton gets the ball on Harvard's 40-yard line. The revolving tandem again starts in motion. Harvard stops its advance on her 25-yard line. Wheeler relieves Bannard. Brown punts and Baird catches at 45. Church and Hillebrand make 10 yards each. Baird punts to Harvard's 20. A penalty sets Princeton back 10 yards. Sullivan takes the place of Dunlop. Brown falls back to punt but Church of Princeton blocks the kick. The ball bounds back and rolls across Harvard's goal line where Brokaw falls on it for a touchdown. Baird kicks the goal. Harvard kicks off. Princeton quickly works the ball into Harvard's territory. Poe replaces Reiter and Lewis relieves Cabot. Dibblee takes the place of Brown. Princeton now commences a fierce attack on Harvard's line. The ball by short gains is advancing rapidly towards Harvard's goal. As it reaches the 15-yard line the strains of "Fair Harvard" float across the field from a cornet in the east stand. The Crimson stands firm and the attack is stopped. Harvard punts and again Princeton forces the ball steadily towards the goal. The ball reaches the 30-yard line. The twilight is deepening and a keen, cold wind is sweeping the field. The teams line up, the rush-line quivers from end to end, the whistle shrilly sounds, and this great game is over.



HARVARD VS. PRINCETON 1896
BEALE PASSING BALL TO DUNLOP

VARSITY FOOTBALL CAPTAINS

HARVARD, PRINCETON AND YALE 1869 TO 1911

<i>Harvard</i>	<i>Princeton</i>	<i>Yale</i>
1869.....(Not organized).....	W. S. Gummere '70.....	(Not organized)
1870.....(Not organized).....	Alex Van Rennselaer '71.....	(Not organized)
1871.....(Not organized).....	A. Johnson '72.....	(Not organized)
1872.....H. R. Grant '72.....	D. T. Marvel '73.....	D. S. Schaff '73
1873.....H. R. Grant '72.....	C. O. Dershimer '74.....	W. S. Halsted '74
1874.....H. R. Grant '72.....	I. H. Lionberger '75.....	H. J. McBirney '75
1875.....N. Curtis '75.....	C. Denny '76.....	Wm. Arnold '76
1876.....N. Curtis '75.....	A. J. McCosh '79.....	E. V. Baker '77
1877.....L. Cushing '79.....	B. Nicoll '77 (Spring).....	E. V. Baker '77
	W. E. Dodge '79 (Autumn)	
1878.....L. Cushing '79.....	B. Ballard '80.....	Walter Camp '80
1879.....Robt. Bacon '80.....	B. Ballard '80.....	Walter Camp '80
1880.....W. H. Manning '82.....	F. Loney '81.....	R. G. Watson '81
1881.....W. H. Manning '82.....	P. T. Bryan '82.....	F. M. Eaton '82
1882.....E. T. Cabot '83.....	E. C. Peace '83.....	R. Tompkins '84
1883.....R. M. Appleton '84.....	Alex. Moffat '84.....	R. Tompkins '84
1884.....M. M. Kimball '86.....	C. W. Bird '85.....	E. L. Richards '83
1885.....Not playing.....	C. M. DeCamp '86.....	F. G. Peters '86
1886.....W. A. Brooks '87.....	H. S. Savage '87.....	R. N. Corwin '87
1887.....J. W. Wood '88.....	E. O. Wagonhurst '88.....	Harry Beecher '88
1888.....J. H. Sears '89.....	H. W. Cowan '88.....	W. H. Corbin '89
1889.....A. J. Cumnock '91.....	E. A. Poe '91.....	C. O. Gill '89
1890.....A. J. Cumnock '91.....	E. A. Poe '91.....	W. C. Rhodes '91
1891.....B. W. Trafford '93.....	R. H. Warren '93.....	Lee McClung '92
1892.....B. W. Trafford '93.....	Philip King '93.....	V. C. McCormick '93
1893.....B. G. Waters '94.....	T. G. Trenchard '95.....	F. A. Hinkey '95
1894.....R. D. Wrenn '95.....	T. G. Trenchard '95.....	F. A. Hinkey '95
1895.....A. H. Brewer '96.....	Langdon Lea '96.....	S. B. Thorne '96
1896.....E. N. Wrightington '97.....	G. Cochran '98.....	F. T. Murphy '97
1897.....N. W. Cabot '98.....	G. Cochran '98.....	J. O. Rogers '98
1898.....B. H. Dibblee '99.....	A. R. T. Hillebrand '00.....	B. C. Chamberlin '99
1899.....W. A. M. Burden '00.....	W. H. Edwards '00.....	M. L. McBride '00

1900.....	C. D. Daly '01.....	H. W. Pell '02.....	F. G. Brown '01
1901.....	D. C. Campbell '02.....	H. W. Pell '02.....	Chas. Gould '02
1902.....	R. P. Kernal '03.....	R. T. Davis '04.....	G. B. Chadwick '03
1903.....	C. B. Marshall '04.....	J. R. DeWitt '04.....	C. D. Rafferty '04
1904.....	D. J. Hurley '05.....	W. L. Foulke '05.....	J. J. Hogan '05
1905.....	D. J. Hurley '05.....	J. L. Cooney '07.....	T. L. Shevlin '06
1906.....	H. Foster '07.....	H. L. Dillon '07.....	S. F. B. Morse '07
1907.....	B. Parker '08.....	J. B. McCormick '08.....	L. H. Biglow '08
1908.....	H. Fish '10.....	E. A. Dillon '08.....	R. B. Burch '09
1909.....	H. Fish '10.....	R. C. Siegling '10.....	E. H. Coy '10
1910.....	L. Withington '11.....	E. J. Hart '12.....	F. J. Daly '11
1911.....	R. T. Fisher '12.....	E. J. Hart '12.....	A. Howe '12

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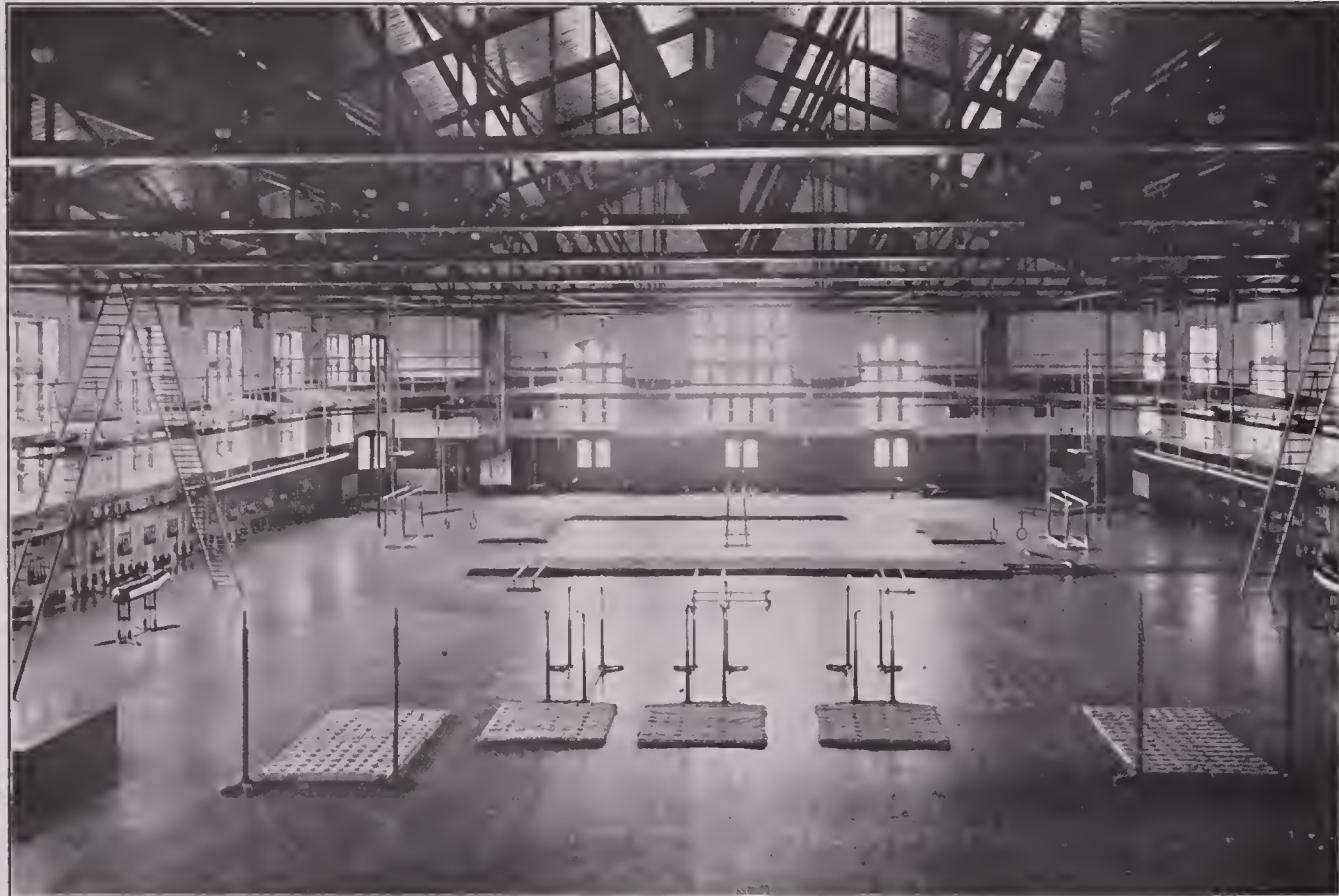
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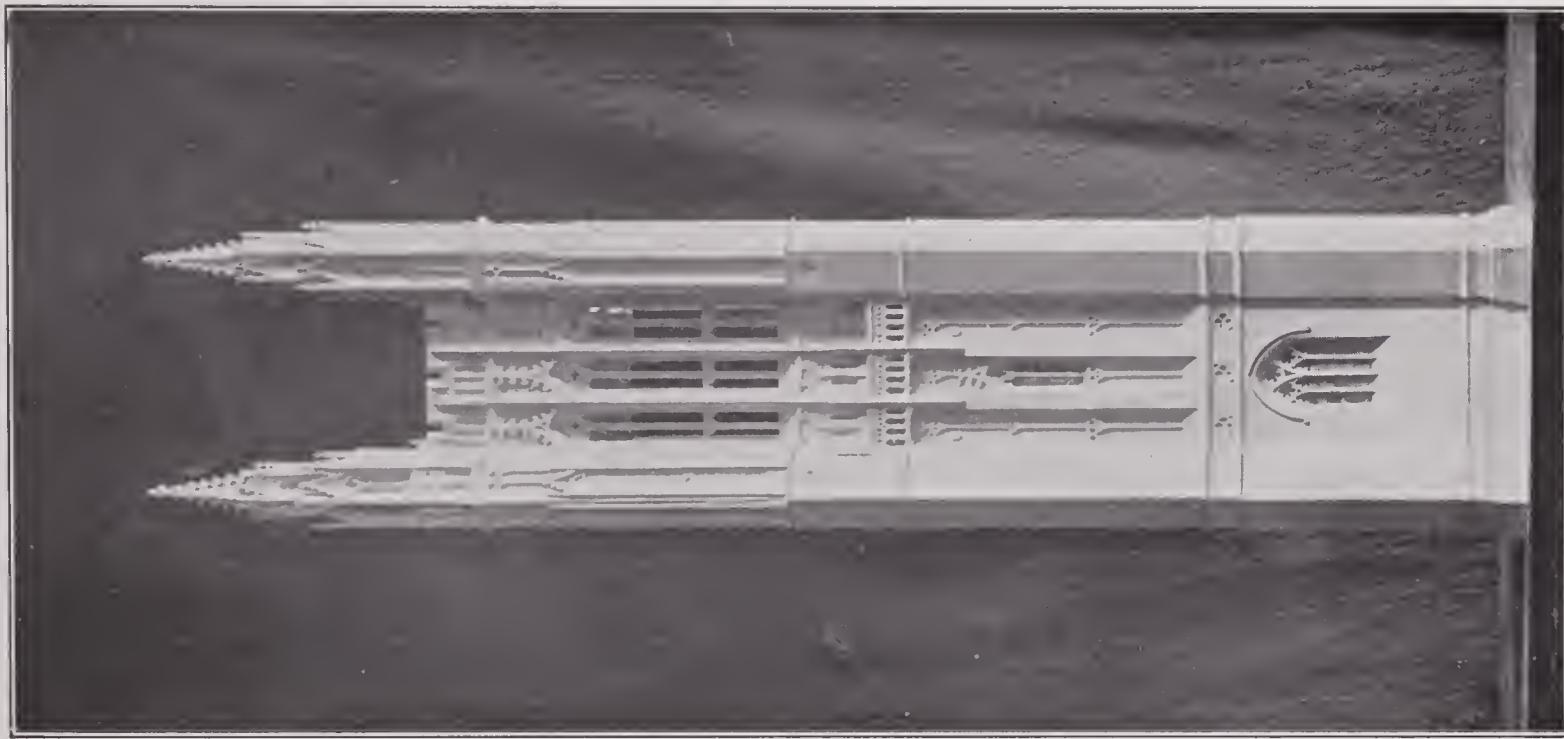
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